



**CODEVINTEC**

Tecnologie per le Scienze della Terra e del Mare

45° 27' 39.384" N  
9° 07' 30.145" E

## SonarMite

### Personal single beam survey Echo sounder



**SonarMite is the smallest, lightest, truly portable hydrographic echo sounder system available.**

#### Features

- > Rugged, field-proven survey grade echosounder
- > 4 degree beam width transducer
- > Bluetooth technology integrated with Windows Mobile devices
- > Proven 'Smart' transducer design with QA output
- > Internal rechargeable battery for all day use
- > Easily integrated with other modern software & GPS technology



OHMEX INSTRUMENTS

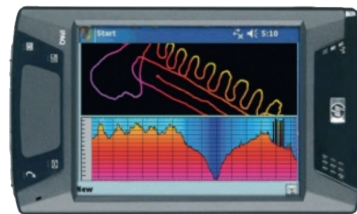
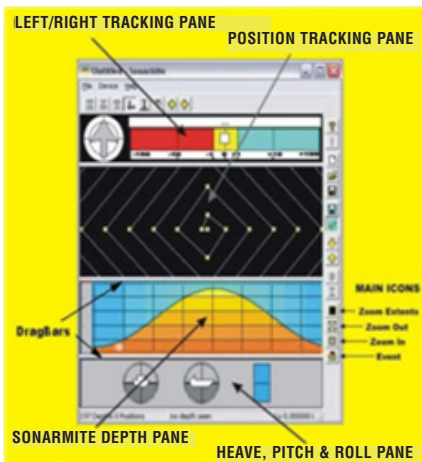


## SonarMite

SonarMite is a complete system which includes echo sounder, transducer, cables, battery charger all weighing just 5Kg shipped in its polypropylene transit case. The internal rechargeable NiMh batteries have been updated with an additional 20% capacity providing more than 10 hours working time from a full charge. Using the latest battery technology the device complies fully with modern environmental, safe transit and final disposal requirements. The instrument provides multiple communication interfaces including RS232, Bluetooth and USB. SonarMite optional application software is designed to work with a wide range of external Windows PC, Tablet and PDA devices.

### Technical specifications

Transducer Frequency	235KHz Active Transducer
Beam Spread	8 to 10 Degrees
Depth Range	0.30m to 75.00m (Software limited)
Accuracy	+/- 0.025m (RMS)
Sound Velocity Range	1400 to 1600 m/sec
Data Output Range	2Hz
Ultrasonic Ping Rate	3 to 6 Hz (Depth dependent)
Internal Power	10.0v x 1.5Ahr Internal Nickel Metal Hydride sealed battery
Power Consumption	70ma to 120ma (temp dependent)
Usable Battery Life	8Hrs to 12Hrs between charging
Stand-By Battery Life	10000 Hours
Battery Charge	Switch mode charger for 90..250vac, 40..60Hz
Work Anywhere	2/3 Round/Square pin charger adaptor
Data Format	RS232C 9600 baud 8 bit 1 stop bit No parity
Operating Temperature	0 to 45 degree Centigrade
Overall Dimensions	100w x 220h x 45d (mm)
Weight	0.75kg



Windows Software for Desktop and Mobile

